

KOTOV, A.V., inzh.; GOVOROV, A.A., kand. tekhn. nauk, dots.; GRDINA, Yu.V.,  
doktor tekhn. nauk, prof.

Thermal wear and fatigue notches. Izv. vys. ucheb. zav.; chern.  
met. no. 7:147-152 J1 '58. (MIRA 11:10)  
(Railroads--Rails) (Metals--Fatigue)

GOVOROV A. A.

COUNTRY : GDR H-13  
 CATEGORY :  
 ABS. JOUR. : AZKhim., No. 16 1959, No. 57887  
 AUTHOR : Mtschedlov-Petrovskii, O. P., Buzskov, N. G.,  
 INST. : Not given  
 TITLE : On the Application of the Thermographic Method  
 to the Investigation of Mineral Bonding Cements  
 ORIG. PUB. : Silikattech, 9, No 12, 566-568 (1958)  
 ABSTRACT : The authors list results from the thermographic  
 investigation of cements carried out in the USSR  
 with the aid of a PK-52 and a PK-55 thermograph  
 and using heating rates of 8-10° per min. It  
 has been observed that the repeated regeneration  
 of gypsum results in a lowering of the tempera-  
 ture at which dehydration begins (from 136 to  
 125°) and of the temperature at which gypsum di-  
 hydrate (GD) is completely converted to the  
 monohydrate (GM) (from 190 to 170°). On the  
 CARD: 1/ \*G.OV  
 Gowerow, A. A., Latischew, F. A., Lewitschuk, N.  
 A., and Setrelkova, I.S.

COUNTRY : USSR  
 CATEGORY : d-1  
 ASS. JOUR. : AZKhom., No. 16 1959, No. 57557  
 AUTHOR :  
 INST. :  
 TITLE :  
 ORIG. PUB. :  
 ABSTRACT : other hand, repeated regeneration increases the  
 dehydration temperature of GM from 208-220° to  
 290-498°. It follows that regeneration stabilizes  
 the crystalline structure of GM and reduces its  
 chemical activity. An attempt was made to detect  
 a modification of the structure of gypsum after  
 the grinding of the [cement] clinker. It was  
 found that when GD and some other modification of  
 gypsum are present in the cement, the thermograms  
 exhibit 2 endothermic effects, regardless of

CARD: 2/

121

COUNTRY	:	GDR	H-13
CATEGORY	:		
ABST. JOUR.	:	RZKhim., No. 16 1959, No.	57887
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	<p>whether a second modification of GM or of GD appears or not. When GD is present alone, only one effect is observed. Anhydrous gypsum (AG) differs from GM by a greater endothermic effect at a temperature of about 500°. When cement clinker to which gypsum has been added is ground in laboratory mills, the product is found to contain AG; the product from commercial mills contains GD. The hydration of portland cement containing about 55% C<sub>3</sub>S, about 25% C<sub>2</sub>S, and about 7% C<sub>1</sub>A at a</p>	
CARD:		3/5	

COUNTRY	: GDR	
CATEGORY	:	H-13
ABST. JOUR.	: RZKhim., No. 16 1959, No.	57887
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: water-cement ratio of 0.3 was investigated. The hydration was stopped at fixed intervals of time by treating the cement with ether, after which the thermogram was recorded at a heating rate of 25° per hr. Calcium sulfoaluminate is formed first with a gradual disappearance of the thermal effect characteristic of gypsum. Towards the end of the second hr. only the sulfoaluminate is detected; gypsum is no longer present and C <sub>4</sub> AH <sub>7</sub> begins to form. After 5 hrs C <sub>4</sub> AH <sub>7</sub> begins to form. Silicates	

CARD: 4/5

5(1)

SOV/32-25-4-43/71

AUTHORS: Govorov, A. A., Grankovskiy, I. G.

TITLE: Plant for the Differential Thermal Analysis (Ustanovka dlya differentsial'nogo termicheskogo analiza)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 481-482 (USSR)

ABSTRACT: A device for thermal analyses was developed which shows some advantages as compared with the devices usually in use. It has a nickel block of a special type of construction (Fig 1). The block consists of three disks placed one above the other. The bottom disk has 7 openings in which platinum/platinum-rhodium thermoelements are introduced. The middle disk also has 7 openings which form "nests" around the thermoelements in which the substance to be tested or an inert substance is placed. The top disk is used as a lid and has 1 mm borings through which the gases liberated from the samples can escape. The block also permits analyses with only 0.2-0.3 g of substance; thermograms of two different substances can be plotted at the same time. The nickel block is placed into an electric furnace, and a uniform heating is attained by means of an autotransformer with the device KEP (Fig 2). A reflecting galvanometer M-25 is used for

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SOV/32-25-4-43/71

Plant for the Differential Thermal Analysis

recording the differential curve. The calibration of the temperature sections is done by means of known aiming points which correspond to the endothermal effects in the conversion of pure salts ( $\text{NH}_4$ ,  $\text{NO}_3$  32°, 85°, 125°,  $\text{KNO}_3$  128° and quartz 573°). There are 2 figures.

ASSOCIATION:

Nauchno-issledovatel'skiy institut stroitel'nykh materialov i izdeliy Akademii stroitel'stva i arkhitektury USSR (Scientific Research Institute of Building Materials and Articles of the Academy of Building and Architecture UkrSSR)

Card 2/2

GRIGORKIN, V.I.; GRDINA, Yu.V.; GOVOROV, A.A.; NESTEROV, N.A.

Effect of heat treatment on the mechanical properties of  
austenitic manganese steel. Izv.vys.ucheb.zav.; Chern.met. 5  
no.4:132-135 '62. (MIRA 15:5)

1. Sibirskiy metallurgicheskiy institut.  
(Manganese steel--Heat treatment)



GRDINA, Yu.V.; GOVOROV, A.A.; NESTEROV, N.A.; GRIGORKIN, V.I.

Full hardening in oil of a commercial batch of rails. Izv. vys.  
ucheb. zav.; chern. met. 5 no.8:111-118 '62. (MIRA 15:9)

1. Sibirskiy metallurgicheskiy institut.  
(Steel---Hardening) (Railroads---Rails)

GOVOROV, A.A.; KOSHKIN, V.A.; GORDIN, O.V.; TUZOVSKIY, A.I.; SAKHAROVA, N.A.;  
LYMAR', A.I.

Effect of the temperature of the end of rolling on the mechanical  
properties of rail steel. Izv. vys. ucheb. zav.; chern. met.  
6 no.8:137-140 '63. (MIRA 16:11)

1. Sibirskiy metallurgicheskiy institut i Kuznetskiy  
metallurgicheskiy kombinat.

GRDINA, Yu.V.; GOVOROV, A.A.; NESTEROV, N.A.; GRIGORKIN, V.I.

Alloyed steel rails. Izv. vys. ucheb. zav.; chern. met. 6  
no.10:120-124 '63. (MIRA 16:12)

1. Sibirskiy metallurgicheskiy institut.

ALALYKIN, A.B.; GRIGORKIN, V.I.; NESTEROV, N.A.; VERSHININA, L.V.; GOVOROV, A.A.

Properties of heat-treated rails made of 1% chromium and  
native alloy chromium-nickel steels. Izv. vys. ucheb. zav.;  
chern. met. 7 no.8:149-154 '64. (MIRA 17:9)

1. Sibirskiy metallurgicheskiy institut.

GOVOROV, A.A.; ALALYKIN, A.B.; GRIGORKIN, V.I.; NESTEROV, N.A.; VERSHININA, L.V.

Heat treatment of alloyed rails. Izv. vys. ucheb. zav.; chern. met.  
7 no.10:132-136 '64. (MIRA 17:11)

1. Sibirskiy metallurgicheskiy institut.

38388

S/148/62/000/004/003/006  
E111/E435

18.11.50

AUTHORS: Grigorkin, V.I., Grdina, Yu.V., ~~Govorov, A.A.~~  
Nesterov, N.A.

TITLE: Influence of heat treatment on the mechanical  
properties of austenitic manganese steel

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Chernaya  
metallurgiya, no.4, 1962, 132-135

TEXT: The authors have studied the effect of heat treatment on the mechanical properties of a commercial forged manganese austenitic steel (0.93% C, 12.02% Mn, 0.13% Ni, 0.05% Cr, 0.14% Cu, 0.021% S and 0.09% P). Tempering at 300 to 700°C greatly reduced strength and plastic properties. With isothermal holding at 650°C all the mechanical properties deteriorate within 30 to 60 minutes and then remain almost steady. Hadfield steel is notch sensitive. The fatigue limit was virtually independent of tempering temperature, it was increased by preliminary dynamic work hardening. To avoid great deterioration in mechanical properties on heating to temperatures over 300°C, parts  
Card 1/2

Influence of heat treatment ...

S/148/62/000/004/003/006  
E111/E435

Hadfield steel should be re-quenched in water from 1050 to 1100°C.  
There are 2 figures and 1 table.

ASSOCIATION: Sibirskiy metallurgicheskiy institut  
(Siberian Metallurgical Institute)

SUBMITTED: March 31, 1961

Card 2/2

GOVOROV, A.F.

GOVOROV, A.F., inzhener.

Vital problems in diesel locomotive construction. Zhel.dor.transp.  
39 no.9:10-14 S '57. (MIRA 10:10)  
(Diesel locomotives)



GOVOROV, A. I.

"Spectrophotometry of the Reaction of Biuret as a method for the study of the Structure of Proteins," Biokhim., 4, No. 1, 1939.

Laboratory of Proteins, All-Union Institute of Experimental Medicine, Moscow, 1939.

GOVOROV, A.I., kand.med.nauk, polkovnik meditsinskoy sluzhby

Session of the Kirov Academy of Military Medicine. Voenn.-med.  
zhur. no.7:91-94 J1 '59. (MIRA 12:11)  
(MEDICINE, MILITARY)

GOVOROV, A. M.

1. PETRENKO, B. G.; GOVOROV, A. M.
2. USSR (600)
4. Heart
7. Sarcosporidia in the heart muscle of cattle suffering from chronic hematuria.  
Nauch. trudy UIEV 18 1951.
9. Monthly List of Russian Accessions. Library of Congress, March 1953. Unclassified.

Govorov, A. M.

USSR/Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67057

Author : Govorov, A.M., Ostashko, F.I., Shein, A.N., Belova, K.D.

Inst :                     

Title : A Synthetic Culture Medium for Growing Tubercular Cultures and for Preparing Tuberculin.

Orig Pub : Inform. byul. biol. prom-sti, 1957, No 2, 13-14.

Abstract : No abstract.

Card 1/1

- 3 -

PORTUSHNYY, V.A., kand. veterinarnykh nauk; GOVOROV, A.M., kand. veterinarnykh nauk; TSYBENKO, I.Z., veterinarnyy vrach; BOYCHENKO, A.S., veterinarnyy vrach; KALITENKO, Ye.T., veterinarnyy vrach

Stachybotryotoxicosis in cattle and its treatment. Veterinariia  
36 no.9:67-70 S '59. (MIRA 12:12)  
(Cattle--Diseases and pests)  
(Mushrooms, Poisonous)

GOVOROV, A.M.

GANBYEV, A.S.; GOVOROV, A.M.; OSETINSKIY, G.M.; RAKIVNENKO, A.N.; SIZOV, I.V.;  
SIKSIK, V.B.

D-D reactions in the 100-1000 Kev deuteron energy range. Atom. energ.  
suppl. no.5:26-47 '57. (MIRA 11:2)

(Nuclear reactions) (Deuterons)

24.6600  
26.2212  
21.1100

83164

S/056/60/039/002/001/044  
B006/B056

BP

AUTHORS:

Li Ga Yen, Osetinskiy, G. M., Sodnom, N., Govorov, A. M.,  
Sizov, I. V., Salatskiy, V. I.

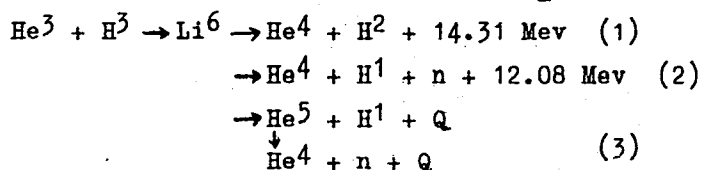
TITLE:

Investigation of the  $\text{He}^3 + \text{H}^3$  Reaction /7

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,  
Vol. 39, No. 2 (8), pp. 225-229

TEXT: The  $\text{He}^3 + \text{H}^3$  reaction develops according to the following modes:



The authors determined the total cross section of this reaction by  
integral neutron counting, using a thin gas target. The ratio between the

Card 1/4

83164

Investigation of the  $\text{He}^3 + \text{H}^3$  Reaction

S/056/60/039/002/001/044  
B006/B056

branches of the reaction was determined from the spectrum of the charged particles, measured at a laboratory angle of  $90^\circ$ . The energy of the  $\text{He}^5$  decay into  $\alpha + n$  was estimated; as a control test, the  $\text{H}^2 + \text{H}^3$  cross section was measured under the same conditions. The tritons, accelerated by an electrostatic generator to 150 - 970 kev, hit the entry window of the gas target; this window consisted of a 0.9 - 1.4 mg/cm<sup>2</sup> thick nickel foil. The target itself was in a vacuum chamber located in the center of a tank filled with a 2%  $\text{KMnO}_4$  solution. Perpendicular to the beam direction there was a photomultiplier which served as a monitor. The lateral window facing the scintillation counter was closed with a 1 mg/cm<sup>2</sup> nickel foil. The energy losses of the tritons were determined by means of a magnetic analyzer. The temperature of the gas target was measured by means of a thermocouple. The  $\text{He}^3$  pressure in the target container was 60 torr. Several further experimental details are given. The results obtained by the experiments are shown in diagrams. Thus, Fig. 1 shows the cross sections of branches (2) and (3) as a function of the triton energies. The root-mean-square error in the range 240 - 970 kev was  $\pm 5\%$ , at 149 kev it was  $\pm 31\%$ . For comparison, also the

Card 2/4



83161

Investigation of the  $\text{He}^3 + \text{H}^3$  Reaction

S/056/60/039/002/001/044  
B006/B056

results obtained by Mook (Ref. 2) are plotted. One of the charged-particle spectra recorded for determining the branch ratios is shown in Fig. 2. The spectrum has two peaks corresponding to the alpha particles and the deuterons of branch (1). Between these peaks is the continuous spectrum of the protons from (2). The proton peak corresponding to the ground state of  $\text{He}^2$  is, as regards energy, near the deuteron peak of (1), and could not be separated spectrometrically. Analogous spectra were recorded at triton energies (150 - 950 kev), which were equal in each case. The average fractions of the three branches in the reaction were determined to be  $(41 \pm 2)\%$  (1);  $(55 \pm 2)\%$  (2);  $(4 \pm 1)\%$  (3); the total reaction cross sections in the range 150 - 970 kev amounted to 3.2 - 63.0 mb. From the experimentally determined proton energies of (3), the  $\text{He}^5$  decay energy was determined from the relation

$$\epsilon(\text{He}^5) = 0.4 E_{\text{H}^3} - 1.2 E_{\text{H}^1} + 12.08 \text{ Mev}, \text{ where } E_{\text{H}^1} = (9.6 \pm 0.1) \text{ Mev}.$$

$\epsilon = (0.8 \pm 0.1) \text{ Mev}$  was obtained. This value agrees quite satisfactorily with those obtained by other authors. The authors finally thank Professor V. P. Dzhelepov, Professor I. M. Frank, and L. P. Lapidus

Card 3/4

83164

Investigation of the  $\text{He}^3 + \text{H}^3$  Reaction

S/056/60/039/002/001/044  
B006/B056

for their interest and discussions, and they also express their  
gratitude to the members of the generator team I. A. Chepurchenko,  
N. N. Schetchikov, and M. V. Savenkova. There are 2 figures and 8  
references: 3 Soviet and 5 US.

4

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint  
Institute of Nuclear Research)

SUBMITTED: January 27, 1960

Card 4/4

GOVOROV, A.M.; LI CA YEN; OSETINSKIY, G.M.; SALATSKIY, V.I.; SIZOV, I.V.

[Total cross sections of the T+T reaction in the energy range of 60 - 1140 Kev] Polnye secheniia reaktsii T + T v intervale energii 60 - 1140 Kev. Dubna, Ob"edinennyi in-t iadernykh issledovaniy, 1961.  
26 p. (MIRA 14:10)

(Nuclear reactions)

33440

S/120/61/000/006/006/041  
E032/E114

21.6000

AUTHORS: Govorov, A.M., Nikanorov, V.I., Peter, G.,  
Pisarev, A.F., and Poza, Kh.

TITLE: A gas discharge chamber

PERIODICAL: Pribory i tekhnika eksperimenta, no.6, 1961, 49-51

TEXT: A brief version of this article was communicated to the International Conference on High-energy Nuclear Instruments at Berkeley in September 1960.

The present chamber is similar to those described by S. Fukui and S. Miyamoto (Ref.1: Nuovo cimento, v.11, 1959, 113) and S. Fukui, S. Miyamoto (Ref.2: Physical Institute Nagoya University, Japan, Preprint, 1959). It differs from ordinary spark chambers in that the electrodes are separated from the working volume by a dielectric. The authors have investigated chambers with plane electrodes (25 x 10 cm<sup>2</sup>) at a distance of 7 cm. The chambers were filled with neon to a pressure of 760 mm Hg with an added argon impurity (0.3-0.45%). In addition to the properties investigated in Refs. 1 and 2, the present authors have studied

Card 1/8

2

X

GOVOROV, A.M.; Li Qa Yem; OSETINSKIY, G.M.; SALATSKIY, V.I.; SIZOV, I.V.

Spectra of  $\alpha$ -particles and differential cross sections of  
the reaction  $H^3(t, 2n)He^4$  at an angle of  $90^\circ$ . Zhur.eksp.i teor.  
fiz. 41 no.3:703-707 S '61. (MIRA 14:10)

1. Ob'yedinennyy institut yadernykh issledovaniy.  
(Alpha rays--Spectra) (Nuclear reactions)

S/056/62/042/002/012/055  
B102/B138

AUTHORS: Govorov, A. M., Li Ka-eng, Osetinskiy, G. M., Salatskiy, V. I., Sizov, I. V.

TITLE: The total cross sections of the T+T reaction in the energy range 60-1140 kev

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 2, 1962, 383-385

TEXT: The total T+T reaction cross sections were determined on the electrostatic generator of the OIYaI with a thin gas target. Its tritium concentration was 65-93% and pressure was 50-60 mm Hg. The energy dependence of the total cross section can be approximated by  $\sigma = (a + b \log E_{\text{kev}}) \cdot 10^{-27} \text{ cm}^2$ , where  $a = (-91.2 \pm 2.5)$  and  $b = (55.8 \pm 1)$ .  $\sigma$  increases monotonically from 10 mb at 60 kev to 82 mb at 1140 kev. The errors are 20-16% between 60 and 100 kev, 12-6.5% between 133 and 392 kev and 6.5-5.1% between 392-1140 kev. F. L. Shapiro is thanked for advice. There are 1 figure and 4 references: 2 Soviet and 2 non-Soviet. The two references to the English-language publications read as follows: H. M. Card 1/2

The total cross sections of ...

S/056/62/042/002/012/055  
B102/B138

Agnew et al. Phys. Rev. 84, 862, 1951; N. Jarmik, C. Allen. Phys. Rev.  
111, 1121, 1958.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint  
Institute of Nuclear Research)

SUBMITTED: August 12, 1961

Card 2/2

KLEBANOV, M.A., prof.; ROTOV, V.I., prof.; BOGAYEVSKIY, AT., dotsent;  
ANDRIUSHCHENKO, V.V.; GOVOROV, A.M., dotsent; KASSICH, Yu.Ya.;  
SHMALIY, K.V., kand. med. nauk; SOKALO, S.V.

Experimental study of chemoprophylaxis of tuberculosis.

Prob. tub. no.1:51-58 '65.

(MIRA 18:12)

1. Ukrainskiy institut tuberkuleza i grudnoy khirurgii,  
Khar'kovskiy zooveterinarnyy institut i Ukrainskiy institut  
eksperimental'noy veterinarii, Kiyev.



GOVOROV, A. <sup>N</sup> Eng. Lt. Col., Bachelor of Tech.Sci.

"Combustion Process~~s~~ in Turbojet Engines," Vest. Vozd. Flota, No.5, pp 65-71,  
1953.

Summary D 389667

Govorov, A.N.

KAZANDZHAN, P.K.; ALEKSEYEV, L.P.; GOVOROV, A.N.; KONOVALOV, N.Ye.; NECHAYEV, Yu.N.; PAVLENKO, V.F.; FEDOROV, R.M.; PISAREV, M.S., inzhener-polkovnik, redaktor; KUZ'MIN, I.F., tekhnicheskiiy redaktor

[Theory of jet engines] Teoriia reaktivnykh dvigatelei. Moskva, Voen. izd-vo Ministerstva oborony SSSR, 1955. 295 p. (MLRA 9:3)  
(Jet propulsion)

GOVOROV, A-N.

STECHKIN, Boris Sergeyevich, akademik; KAZANDZHAN, Pogos Karapetovich;  
ALEKSEYEV, Lev Petrovich; GOVOROV, Aleksandr Nikolayevich; NECHAYEV,  
Yulian Nikolayevich; FEDOROV, Roman Mironovich; DMITRIYEVSKIY, V.I.;  
professor, doktor tekhnicheskikh nauk, retsenzent; YEMIN, O.N.,  
kandidat tekhnicheskikh nauk, redaktor; BOGOMOLOVA, M.F., izdatel'-  
skiy redaktor; ZUDAKIN, I.M., tekhnicheskikh redaktor

[A theory of jet engines; turbomachines] Teoriia reaktivnykh dvigatelei;  
lopatochnye mashiny. Pod red. B.S.Stechkina. Moskva, Gos. izd-vo obor.  
promyshl., 1956. 548 p. (MLB 10:1)  
(Turbomachines)

Subject : USSR/Engineering AID P - 5351

Card 1/1 Pub. 103 - 6/25

Authors : Pevtsov, M. A. and A. N. Govorov

Title : Use of standardized component units in modernization of machinery

Periodical : Stan. i instr., 8, 16-20, Ag 1956

Abstract : The authors describe the work of the Central Bureau for Design (TsKB) of the Trust of Machine-Repair Plants and Shops (REMMASHtREST) in developing new standard machine components and assemblies to be used for replacement of various machine-tools of domestic and foreign origin. Several types of power transmissions which can be attached to different metal-cutting machines in order to improve their efficiency are described. Ten drawings and 2 photos.

Institution : As above

Submitted : No date

GOVOROV, A.N.

PHASE I BOOK EXPLOITATION 1111

Stechkin, Boris Sergeyevich, Kazandzhan, Pogos Karapetovich, Alekseyev, Lev Petrovich, Govorov, Aleksandr Nikolayevich, Kononov, Nikolay Yefimovich, Nechayev, Yulian Nikolayevich, and Fedorov, Roman Mironovich

Teoriya reaktivnykh dvigateley; rabochiy protsess i kharakteristiki (Theory of Jet Engines; Operation and Characteristics) Moscow, Oborongiz, 1958.  
533 p. 20,000 copies printed.

Ed.: (Title page): Stechkin, B.S., Academician; Ed. (Inside book): Yanovskiy, I.L., Engineer; Ed. of Publishing House: Bogomolova, M.F.; Tech. Ed.: Rozhin, V.P.; Managing Ed.: Sokolov, A.I., Engineer.

PURPOSE: This is a textbook approved by the Ministry of Higher Education of the USSR for students of aviation vuzes. The book may be also useful to engineers working in the field of aircraft engine construction.

COVERAGE: This book is an independent part of the general course in "Theory of Jet Engines." The first part of this series, "Bladed Machines", was published in 1956. In this book the authors describe in detail gas dynamics analysis, the testing methods, and the characteristics of a number of types of jet engines.

Card 1/11

Theory of Jet Engines (Cont.)

1111

They give the classification of the basic types of jet engines: turbo-jets, turbo-props, ram-jets, and liquid propellant rocket engines, and describe the special features of each. The description of each particular type contains the following information: a) the basic theory of operation, b) the methods of determination of test-stand and flight characteristics, c) information on special features in practical operation of the engine, d) methods for selecting basic design parameters, and e) the gas dynamics analysis of the engine in designing. In the compilation of this book the works of Stechkin, B.S., Kazandzhan, P.K., and others of the authors' collective were used, as well as the existing literature on bladed machines and jet engines. Individual chapters were written by the following authors: Ch. I and IV, by Govorov, A.N.; Ch. II and XV, by Alekseyev, L.P.; Ch. III and Sec. 7 of Ch. XVI, by Konovalov, N. Ye; Ch. V to IX, by Nekchayev, Yu. N.; Ch. X, XI, and Sec. 1-6 of Ch. XVI, by Fedorov, R.M.; and Ch. XII, XIV and Ch. XVII by Kazandzhan, P.K. The authors express thanks to Professors Mel'kumov, T.M. and Kulagin, I.I., and also to Docent Zastel, Yu.K. for their valuable remarks and advice. There are 27 references, of which 25 are Soviet, including 2 translations, and 2 English.

Card 2/ 11

Name : GOVOROV, Aleksey Nikolayevich

Remarks : A. N. Govorov is the author of the following two chapters in a textbook entitled "Theory of Jet Engines, Operation and Characteristics", published in Moscow in 1958: Chapter I, The Thrust of Jet Engines, and Chapter IV, Combustion Chambers of Jet Engines.

Source : M: Theory of Jet Engines (Teoriya Reaktivnykh Dvigatel'ey), by B. S. Stechkin et al., Moskva, 1958, pp. 13-46, 89-130

26.

GOVOROV, A.S.

Effect of the variations of solar activity on weather conditions  
on Odessa-Nikolaev ~~seashore~~. ~~Atren.sbor~~ no.3/4:147-151 '60.  
(MIRA 14:11)

1. Odesskoye agrometeorologicheskoye byuro.  
(Black Sea region--Climate)



USSR/ Miscellaneous

Card 1/1 Pub. 133 - 12/19

Authors : Govorov, B. A., Chief, Technical Operation Division of the Tashkent  
Radio-Communications Administration

Title : The decisions of the All-Union Conference on the Operation of Radio-  
Communications should be complied with

Periodical : Vest. svyazi 1, 22 - 23, Jan 1955

Abstract : Reference is made to the All-Union Conference on the Operation of  
Radio Communications, held at the end of 1953, in which the technical  
operation of the District Communication Offices (including the Tashkent  
district), is hindered by not complying with the resolutions passed by  
the subject Conference.

Institution: .....

Submitted: .....

B A GOVOROV, A D AZT<sup>A</sup>'YAN, V P RACHENKO, N K MYASNIKOV, L A LAMOVA, DI AGAPONOVA,  
YE A SORVIN, and A<sup>A</sup> I KABANOV

"Development of Recommendations on the Selection of Types of Electrovacuum  
Devices in Standard Circuits Used in Radio Engineering Apparatus and on the Pro-  
cedure for Determination of Optimal and Limiting Allowable Operating Conditions  
for Some Types of Receiver-Amplifier Tubes in Mass Production Which Have Prospects  
for these Applications" from Annotations of Works Completed in 1955 at the State  
Union Sci. Res. Inst. Min. of Radio Engineering Ind.

So: B-3,080,964

AUTHORS: Govorov, B.A. Rachenko, V. SOV/107-58-10-47/55

TITLE: New Tubes for Wide-Band Amplification (Novyye lampy dlya shirokopolosnogo usileniya)

PERIODICAL: Radio, 1958, Nr 10, pp 54-57 (USSR)

ABSTRACT: At a meeting of the Nauchnoye obshchestvo imeni A.S. Popova (Scientific Society imeni A.S. Popov), dedicated to Radio Day, which took place in May of this year, S.G. Basistov, an engineer, gave a report on the results of the development of new types of space-charge grid receiving tubes (including low-power amplifiers) for wide-band amplification. He observed that the first of such tubes, e.g. the "Mikro-DS", appeared over thirty years ago, but were then forgotten. He said that tests of new types of space-charge grid tubes, and experience of their use in radio apparatus do not justify the disregard in which they are held. The article contains information on the design, working principles and circuit diagrams of these tubes, as well as a table giving its

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New Tubes for Wide-Band Amplification

SOV/107-58-10-47/55

parameters, which shows that they have the best parameters of all types of tubes.  
There are 4 circuit diagrams, 6 graphs, and 1 table.

Card 2/2

GOVOROV, D.A.

Practical value of Richardson's biochemical pregnancy test.  
Akush. i gin. 39 no.3:110-111 My-Je'63. (MIRA 17:2)

1. I kafedry akusherstva i ginekologii (nachal'nik - chlen-korrespondent AMN SSSR prof. K.M. Figurnov [deceased]) Voenno meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

GOVOROV, D.A.

Unusual case of chorioepithelioma developing from ovarian pregnancy. Akush. i gin. 39 no.4:124-125 J1-Ag'63 (MIRA 16:12)

STRUKOV, V.A.; GOVOROV, D.A.

Antibacterial therapy in intrahospital infection ("hospitalism").  
Antibiotiki 10 no. 10:934-940 0 '65. (MIRA 18:12)

1. Kafedra akusherstva i ginekologii (zav. - prof. G.I.Dovshenko)  
Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova,  
Leningrad. Submitted Febr. 17, 1965.

RUDENKO, N.F.; GOVOROV, F.A.; BULATOV, S.I., inzh., red.izd-va;  
GORDEYEVA, L.P., tekhn. red.; MAKAROVA, L.A., tekhn. red.

[Pneumatic tube transportation of documents and small  
articles in carriers (pneumatic post)] Pnevмотransпорт  
dokumentov i melkikh predmetov v patronakh (pnevмopochta).  
Moskva, Mashgiz, 1963. 138 p. (MIRA 16:10)  
(Pneumatic tube transportation)



8(6)

SOV/91-59-10-16/29

AUTHOR: Govorov G.A., Technician

TITLE: Drying of Insulation by Infrared Lamps

PERIODICAL: Energetik, 1959, Nr. 10, p 26, (USSR)

ABSTRACT: At the author's plant, on the initiative of electric department winder O.F. Shuvalov, a dryer for high-speed drying of small electric motor stators and generator armature was constructed. The dryer is a box, 90 x 40 x 40 cm, made of angular steel and covered with sheet steel. Inside the box, 2 infrared lamps, Type 3S3, 500 watt capacity, are mounted, one on each side of the box. The box is provided with a 40 x 40 cm window in its top for placing the stators. Impregnated with varnish, the stator is put into the dryer, and the latter is switched into mains. The time required for drying a stator of a 2.8-4.5 kw electric motor varies from 2 to 4 hours. With such a device, the drying of electric motors up to 4.5 - 5 kw, as well as of different coils, can be successfully done. The speed of drying by means of infrared lamps is 3-4 times less as against those dryers where resistances are used.

Card 1/1

YAKOVLEV, V.G.; GOVOROV, G.G.

Air-driven perfusion pump. Izv. AN Kir. SSR. Ser. biol. nauk 1  
no. 1:151-153 '59. (MIRA 13:6)  
(COPPER METABOLISM) (COWS)

GOVOROV, G. V.

GOVOROV, G. V., Engineer

"Electromagnetic Brake." Sub 25 Apr 47, Moscow Order of Lenin  
Power Engineering Inst imeni V. M. Molotov

Dissertations presented for degrees in science and engineering in  
Moscow in 1947

SO: Sum No. 457, 18 Apr 55

GOVOROV, I. (g. Voronezh)

~~provided by source~~  
Sof'ia Anisimova, pilot and sportswoman. Kryl.rod. 2 no.11:7 N '51.  
(Anisimova, Sof'ia) (MIRA 8:8)

GOVOROV, I.N.; STUNZHAS, A.A.

Transportation forms of beryllium in alkali metasomatism.  
Geokhimiia no.4:383-390 Ap '63. (MIRA 16:7)

1. Far East Geological Institute of the Far East Branch of  
the Siberian Section of the Academy of Sciences, U.S.S.R.,  
Vladivostok.

(Beryllium) (Metasomatism)

GOVOROV, I.N.; STUNZHAS, A.A.; MATVEYEVA, A.A.; BLAGODAREVA, N.S.;  
MARTINA, R.I.; TOLOK, K.P.

Forms of the transportation of beryllium in alkali mineral-  
forming solutions. Soob. DVFAN SSSR no.19:39-45 '63.  
(MIRA 17:9)

1. Dal'nevostochnyy geologicheskii institut dal'nevostochnogo  
filiala Sibirskogo otdeleniya AN SSSR.

FEDCHIN, Fedor Grigor'yevich; GOVOROV, I.N., kand. geol.-miner.  
nauk, otv. red.; ZHILINA, A.I., red.izd-va

[Characteristics of the structure, igneous activity and  
tin potential of the Khingan-Olono trough] Osobennosti  
struktury, magmatizma i olovonosnosti Khingan-Olonoiiskogo  
progiba. Moskva, Izd-vo "Nauka," 1964. 150 p.  
(MIRA 17:4)

15-1957-3-3058

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,  
p 89 (USSR)

AUTHOR: Govorov, I. N.

TITLE: ~~The Nature of the Color of Mimetite~~ (O prirode  
okraski mimetezita)

PERIODICAL: Soobshch. Dal'nevost. fil. AN SSSR, 1955, Nr 8,  
pp 31-37

ABSTRACT: The author studied the nature of variously colored  
varieties of mimetite from quartz veins in upper  
Paleozoic porphyritic granites in the region of  
the Sargardon River, Chatkal Mountains. In  
addition to dominant quartz, the veins contain  
muscovite, orthoclase, fluorite, topaz, triplite,  
manganosiderite, apatite, sphalerite, chalcopyrite,  
pyrite, galena, and arsenopyrite. The thickness

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15-1957-3-3058

The Nature of the Color of Mimetite

of the zone of oxidation at separate parts of the veins reaches 85 to 95 m. Mimetite is most abundant in the middle horizon of the subzone, where its maximum concentration is confined to the most strongly disintegrated and hence the most highly oxidized blocks. The mimetite occurs in segregations of thin crusts of hexagonal-prismatic crystals or as isolated growths of such crystals on the walls of fractures and cavities. The thickness of the mimetite crusts is 0.5 to 1 mm. Some of the mimetite shows a complex structure at the base. The small crystals have an elongated, dipyramidal-prismatic form, with a length less than 0.1 mm. The prism faces are best developed. Dipyramid faces are poorly developed and occur only in combination with the prism. Basal pinacoids have been seen occasionally, but perfectly formed crystals are rarely found. The color of the mimetite ranges almost continuously through the scale from yellowish green to orange. Differently colored

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15-1957-3-3058

The Nature of the Color of Mimetite

varieties of mimetite differ in their chemical compositions. Varieties with tones of orange-yellow are characterized by high content of P. The author shows a definite relationship between the color of the mineral and the content of Cr. This relationship is demonstrated by the fact that with a decrease in color of the mimetite, in the sequence of the chromatic scale from yellowish green through yellow to orange, the content of  $\text{CrO}_3$  gradually increases from 0.06% to 0.41%. The variation in Cr content determines the variation in the greenish, yellowish, and orange color. The growth of the mimetite belongs to the later stage of formation of the zone of oxidation. It crystallized after the anglesite, malachite, cerusite, and calamine, and at practically the same time as the wulfenite.

G.A.G.

Card 3/3

GOVOROV, I. N.

11-1-5/29

AUTHOR: Govorov, I. N.

TITLE: Special Features of Mineralogy and Genesis of Tin-Beryllium-Fluorite Deposits of the Far East (Osobennosti mineralogii i genezisa olovyanno-berillyevo-flyuoritovykh mestorozhdeniy dal'nego vostoka)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958, # 1, pp 62-73 (USSR)

ABSTRACT: Due to the special features of tin-beryllium-fluorite deposits examined in this article, they can be classified as a separate group which differs considerably from deposits of these ores found at other locations. The plateau of the Far East which contains the above deposits consists of Cambrian limestones and shales warped into a series of parallel folds extending in north-west direction. The folds are torn by numerous breaks and interrupted by minor intrusions of leucocratic granites and hybrid rocks. These intrusions, which are located close to each other, have mostly the shape of oblong blocks or veins. The author subdivides the tin-beryllium-fluorite mineralization into the following two types: 1. Micaceous-fluorites and 2. Tourmaline-fluorites, and fluorite ores into the following three types: micaceous-

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11-1-5/29

Special Features of Mineralogy and Genesis of Tin-Beryllium-Fluorite Deposits of the Far East

fluorites, topaz-fluorites, and diaspore-fluorites. On table 1 are shown the results of chemical analyses of micaceous lead-veins. The mineralizations of tourmaline-fluorite ores are classified into the following 3 subtypes: 1. Microlite-fluorite ores. 2. Tourmaline-fluorite ores. 3. Sulfide-quartz-fluorite ores. Considerable differences between the composition of tin-beryllium-fluorite mineralization and associated tin deposits of cassiterite-quartz, intermediate cassiterite-sulfide formations, cannot be exclusively ascribed to the effects of enclosing rocks or various phases of mineralization processes. They are primarily caused by the different origin of mineral-forming solutions. It can be assumed that the sources of de-silicidated solutions enriched by fluor and boron, which formed cassiterite-beryllium-fluorite deposits were deep seats of accumulations of carbonate rocks of granite magma, which caused intrusions of hybrid rocks and leucocratic granites. Great structural similarity exists between cassiterite-beryllium-fluorite deposits and quartz-muscovite-topaz veins and gneiss formations containing beryllium, cassiterite and wolframite, as well as comparatively

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Special Features of Mineralogy and Genesis of Tin-Beryllium-Fluorite Deposits of the Far East

few cassiterite deposits of the topaz-tourmaline type, to which belong the deposits of the Sherlovaya Gora in Trans-Baykal and Mount Bishoff in Tasmania. There are 1 table, 10 Russian, 1 German references, and 1 in English.

Affiliate

ASSOCIATION: Far Eastern Branch of the USSR Academy of Sciences imeni V.L. Komarov, Vladivostok (Dal'nevostochnyy filial akademii nauk SSSR imeni V.L. Komarova, g. Vladivostok)

SUBMITTED: July 18, 1956.

AVAILABLE: Library of Congress

Card 3/3

AUTHOR: Govorov, I. N. 20-119-3-46/65

TITLE: The Metasomatic Zonality of Desilication, Accompanying Limestone Greisenization (Metasomaticheskaya zonal'nost' desilikatsii pri greizenizatsii izvestnyakov)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 3, pp. 556-559 (USSR)

ABSTRACT: The author observed the zonality mentioned in the title in mica - fluorite - rocks and the greisenization of the limestones in the beryllium - fluorite - deposits of the Dal'niy Vostok (Far East). The first rocks were formed due to the replacement of the limestones by highly heated greisenizing solutions. These deposits are in Cambrian limestones which are traversed by small intrusions of granites of aplitic rocks and hybrid Paleozoic rocks. Granites are transformed into topaz-greisen in the endocontact zone. Directly at the contact with fluorite deposits a great amount of splinters of micafluorite rocks occurs which were obviously formed due to the replacement of the xenolithic lime-

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The Metasomatic Zonality of Desilication,  
Accompanying Limestone Greisen

20-119-3-46/65

stone in granite during the transformation into topaz-greisen. Therefore, the transformation into topaz-greisen took place simultaneously with the metasomatic processes in limestone under the action of the same ore-containing solutions which the mica-fluorite-ores had deposited. Thus, the latter ores can be regarded as specific desilicated types of greisen formed due to the replacement of limestones. According to the mineral composition and the structural peculiarities the mentioned ores can be divided into 4 varieties: 1) coarse crystalline isinglass - fluorite 4 ores enriched with phenakite of augen structure, 2) small crystalline ores as above with phenakite of massive structure, 3) micro-crystalline ephesite - fluorite ores with chrysoberyl of massive structure, and 4) the same with chrysoberyl of finely striped-festoon-like structure. The spatial distribution of the isinglass-ephesite varieties of the ores shows certain rules. This is probably due to the character of the metasomic process.

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Accompanying Limestone Greisening

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This process was determined by the structural conditions of formation of single ore bodies. Contacts of the mica - veinlets with the metasomatic zones stratified near the veins are usually sharp and flat. In the ephesite accumulations of finely disperse coaly (or graphite) substance occur near the contacts. This indicates that the crystallization of mica in the veins took place at a time at which the containing limestones which contain pulverized coaly material were not yet completely replaced by the mica - fluorite in aggregate, i. e. the veinlets and the metasomatic zones near the veins formed reciprocally. Directly at the veinlet contacts the metasomatic zones consist of finely grained ephesite - fluorite rocks with tourmaline, chrysoberyl and rare corundum. It can be seen from cuts that the depositing of minerals in some zones took place nearly simultaneously on which occasion the crystallization of the micas, of tourmaline and chrysoberyl lagged somewhat that of fluorite. The zones themselves were formed due to a uniform 1-stage process and represent a

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The Metasomatic Zonality of Desilication,  
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metasomatic column which formed due to the replacement of limestones in the diffusion of components from the fissure solutions into the interstitial solutions of the side rocks. The zones forming the column differ mainly by their silica and alumina contents. This can be explained on the one hand by the more rapid diffusion of the silica compounds as compared to those of aluminum, on the other hand by a relatively increase of the silica concentration in the interstitial solutions at greater distances from the fissures through which the supply of the desilicated solutions takes place. Due to this process the following column of mineral zones forms: 1. limestone, 2. isinglass-fluorite rocks with tourmaline, 3. ephesite - fluorite rocks with tourmaline, chrysoberyl and corundum, 3. casings of the veinlet of ephesite and tourmaline - and fluorite admixture. Concluding, further transformations of minerals are discussed, the paragenesis of the individual types is compared and a diagram of the parageneses is given (Figure 1).

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There are 1 figure and 1 Soviet reference.

The Metasomatic Zonality of Desilication,  
Accompanying Limestone Greisening

20-119-3-46/65

ASSOCIATION: Dal'nevostochnyy filial im. V. L. Komarova Akademii  
nauk SSSR (Far East Branch imeni V. L. Komarov, AS USSR)

PRESENTED: September 14, 1957, by D. S. Korzhinskiy, Member, Academy of Sciences USSR

SUBMITTED: September 12, 1957

AVAILABLE: Library of Congress

Card 5/5

GOVOROV, I.N.; BLAGODAREVA, N.S.

Metasomatic zonal features in ores of fluorite deposits of the Far  
East. Soob.DVFAH SSSR no.10:95-107 '59. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya  
AN SSSR.

(Soviet Far East--Fluorite)



ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;  
 ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.;  
 BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.;  
 SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.;  
 YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.;  
 KARPOVA, Ye.D.; KASHIN, S.A.; KASHKAY, M.A.; KORZHINSKIY, D.S.;  
 KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV,  
 S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; ODI NTSOV, M.M.; PAVLOV, Ye.S.;  
 SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV,  
 N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;  
 CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4  
 no.5:156-158 My '61. (MIRA 14:6)  
 (Levitskii, Oleg Dmitrievich, 1909-1961)

GOVOROV, I.N.; MINAYEVA, N.A.; STUNZHAS, A.A.

Geochemistry of niobium. Soob. DVFAN SSSR no.21:3-8 '63.

(MIRA 18:6)

1. Dal'nevostochnyy geologicheskii institut i laboratoriya  
neorganicheskoy i analiticheskoy khimii Dal'nevostochnogo  
filiala Sibirskogo otdeleniya AN SSSR.

GOVOROV, K. A.

GOVOROV, K. A. - "Melanisia." Sub 13 Mar 52, Moscow State  
Pedagogical Inst imeni V. I. Lenin. (Dissertation  
for the Degree of Candidate in Geographical Sciences).

SO: Vechernaya Moskva January-December 1952

~~GOVOROV, Konstantin Antonovich~~, kand.geograf.nauk; USPENSKAYA, N.V., red.;  
BERLOV, A.P., tekhn.red.

[Nature of the Black Sea] Priroda Chernogo moria. Moskva, Izd-vo  
"Znanie," 1958. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniu  
politicheskikh i nauchnykh znani. Ser. 8, vyp.2, no.19)  
(Black Sea) (MIRA 12:1)



22(1)

SOV/47-59-3-12/53

AUTHOR: Orekhov V.P. and Govorov M.S. (Ryazan')

TITLE: Stimulating Students During the Acquisition of Abilities and Skills

PERIODICAL: Fizika v shkole, 1959, Nr 3, pp 37-43 (USSR)

ABSTRACT: This is a summary of recommendations intended to serve as a guide to teachers of physics at public schools. The recommendations are based on the results of experimental teaching of physics in the sixth classes of the 4th school of Ryazan'. Great attention was paid to general pedagogical methods of arousing the pupils' interest during lessons, to the demonstrational experiments intended to train the pupil for the performance of certain tasks and, finally, to laboratorial work with measuring instruments. The article, accordingly, is divided into three main sections, each of which contains examples taken from the teaching experience of the authors. In the first section, the

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**Stimulating Students During the Acquisition of Abilities and Skills**

authors set forth general principles which should govern the teacher when he is acquainting his pupils with the use of measuring instruments. As a means to consolidate newly acquired knowledge, the authors recommend in addition to questions and conversation, the performance of some light (10-12 minute) laboratorial tasks, such as the study and use of measuring glasses, use of plummet and level, study of dynamometers and the weighing of objects with them. In order to develop the pupils' measuring skills, the teacher has to give visual demonstrations of the measures in the form of substantial models. This is difficult with measuring units determined indirectly by means of other measuring units. In order to demonstrate, for instance, a kilogram-meter, the teacher should lift a weight of 1 kg to a height of 1 m. Concerning the demonstration of measuring instruments, the authors recommend that at

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**Stimulating Students During the Acquisition of Abilities and Skills**

the beginning and at the end of the demonstration the teacher carry out his operations as swiftly as required in practice. Complicated operations should be shown in their single phases and should be accompanied by questions to the pupils. The authors further specify methods to get the pupils acquainted with the correct reading of scales, in order to avoid the error of parallax and to determine the multiplier. They also propose special models (see illustrations) facilitating this task and related ones. The authors' pupils started their prolonged laboratorial training by studying a technical slide gage with a multiplier of 0.1 mm. This work was preceded by the study of slide gage measuring methods on a model. At the end of the school year, the authors established a final training program consisting of a certain number of projects: 1) study of pumps and manometers; 2) determination of the specific weight of bodies by hy-

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**Stimulating Students During the Acquisition of Abilities and Skills**

drostatic weighing; 3) study of areometers and their use in determining the density of liquids. In order to test acquired practical skills, the authors used the following methods: 1) general examination by having the pupils answer questions on a blackboard; 2) special examination of individual pupils, based on their particular laboratorial project; 3) control of the laboratorial work performed by the pupils; 4) giving tasks which can be only resolved if the pupil combines theoretical knowledge with acquired practical skills (e.g. determining the volume of a cylindrical vessel; verification of the golden rule of mechanics for a simple mechanism). There are 2 photos, 1 diagram and 1 Soviet reference.

Card 4/4

GOVOROV, N., nauchnyy sotrudnik

Hybrid cucumbers. Nauka i pered. op. v sel'.khoz. 9 no.4:46-47  
Ap '59. (MIRA 12:6)

1.Opytno-selektsionnaya stantsiya g. Krymsk, Krasnodarskiy kray.  
(Cucumbers)

GOVOROV, Nikolay Alekseyevich; PONOMAREV, N.A., kandidat tekhnicheskikh nauk, redaktor; GIL'MAN, D.Ya., redaktor; VASIL'KOV, V.A., glavnyy redaktor izdatel'stva; GOLUBEKOVA, L.A., tekhnicheskii redaktor

[Mechanization of labor-consuming processes of sacking in mills and groats plants] Mekhanizatsiia trudosnnykh rabot v vyboinykh otde-  
niakh mel'nits i kruposovodov. Pod red. N.A.Ponomareva. Moskva,  
Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi,  
kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva Khlebo-  
izdat, 1956. 91 p. (MLRA 10:2)

(Flour mills--Equipment and supplies)

PLATONOV, P.M.; KUTSENKO, K.I.; GOVOROV, M.A., inzh., spets. red.; KEYZER,  
V.A., red.; MEDVEDEV, L.Ia., tekhn. red.

[Hoisting and conveying machinery and mechanization of loading  
and unloading operations] Pod'emno-transportnye ustroistva i  
mekhanizatsiia pogrushchno-razgrushchnykh rabot. Moskva, Izd-vo  
tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi i  
kombikormovoi promyshl.i elevatorno-skladskogo khoziaistva, 1958.  
295 p. (MIRA 11:12)

(Loading and unloading)  
(Hoisting machinery)  
(Conveying machinery)

PLATONOV, Petr Nikitich, doktor tekhn. nauk; VEREMEYENKO, Yevgeniy  
Ivanovich, inzh.; GOVOROV, N.A., spets. red.; DENISENKOVA,  
L.M., red.; GOLUBKOVA, L.A., tekhn. red.

[Mechanization of operations with packed goods] Mekhaniza-  
tsiia rabot s tarnymi gruzami. Moskva, Zagotizdat, 1962.  
187 p. (MIRA 17:3)



YATSEVICH, V.A., inzh.; GOVOROV, N.A., red.; VOLKOV, P.N., red.

[Experience in the mechanization of the handling of ready production in Moscow Milling Combines No.3 and No.4] Opyt mekhanizatsii rabot s gotovoi produktsiei na moskovskikh mel'kombinatakh no.3 i 4. Moskva, TSentr. pravlenie nauchno-tekhn. ob-va mukomol'noi i krupianoj promyshl. i elevator-nogo khoz., 1964. 33 p. (MIRA 18:5)

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*ca*

Bactericidal power of rivanol. N. P. Gvozdev and V. K. Murmav. *Russ. J. Physiol.* 14, 175-82 (1931).—Storage of a rivanol soln. for 15 days has no effect on its bactericidal properties toward *Salmonella schotmulleri* and *Pseudomonas aeruginosa*, while it is inactive towards *Staphylococcus albus* after 5 days. B. C. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

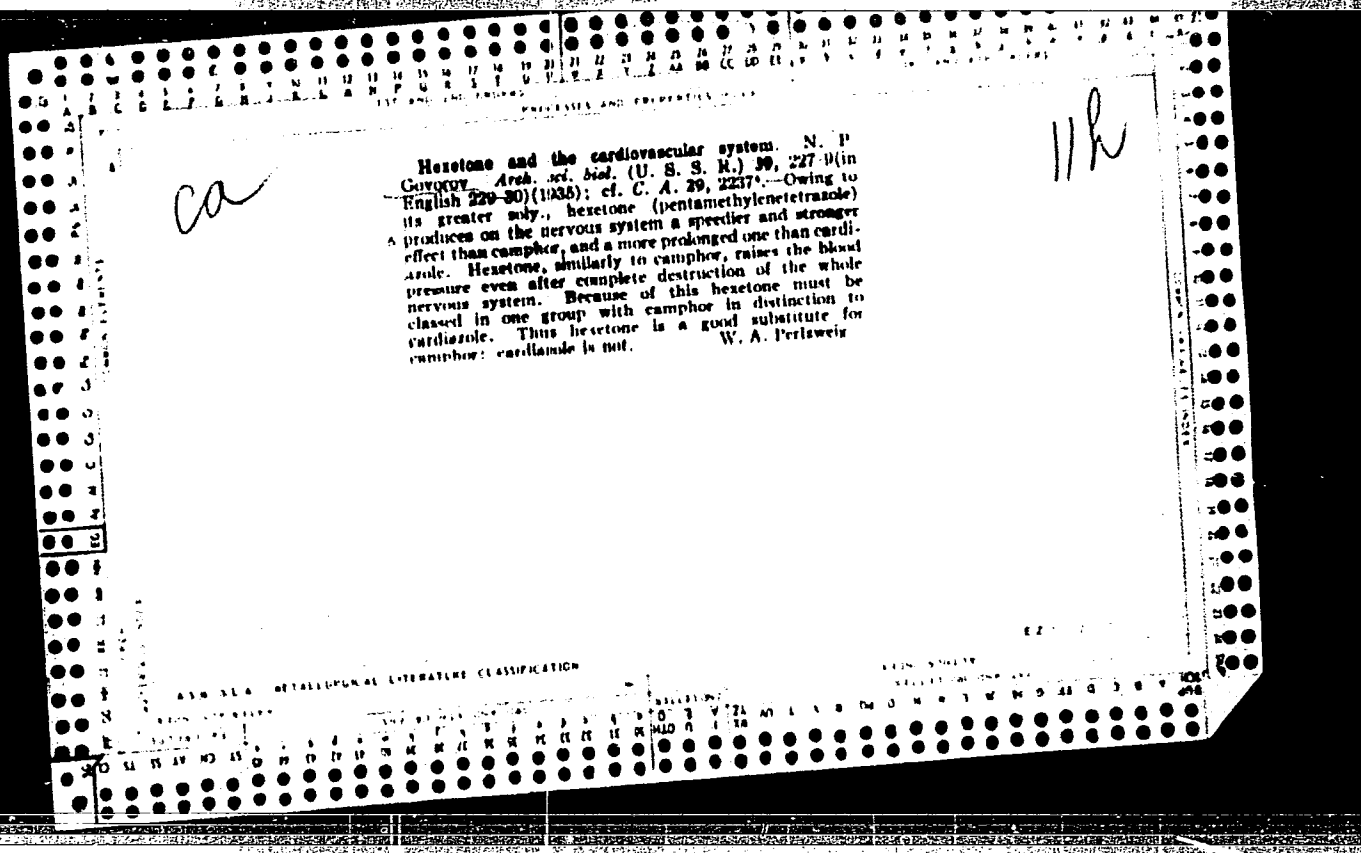
1930-1939 1940-1949 1950-1959 1960-1969 1970-1979 1980-1989 1990-1999 2000-2009 2010-2019 2020-2029 2030-2039 2040-2049 2050-2059 2060-2069 2070-2079 2080-2089 2090-2099 2100-2109 2110-2119 2120-2129 2130-2139 2140-2149 2150-2159 2160-2169 2170-2179 2180-2189 2190-2199 2200-2209 2210-2219 2220-2229 2230-2239 2240-2249 2250-2259 2260-2269 2270-2279 2280-2289 2290-2299 2300-2309 2310-2319 2320-2329 2330-2339 2340-2349 2350-2359 2360-2369 2370-2379 2380-2389 2390-2399 2400-2409 2410-2419 2420-2429 2430-2439 2440-2449 2450-2459 2460-2469 2470-2479 2480-2489 2490-2499 2500-2509 2510-2519 2520-2529 2530-2539 2540-2549 2550-2559 2560-2569 2570-2579 2580-2589 2590-2599 2600-2609 2610-2619 2620-2629 2630-2639 2640-2649 2650-2659 2660-2669 2670-2679 2680-2689 2690-2699 2700-2709 2710-2719 2720-2729 2730-2739 2740-2749 2750-2759 2760-2769 2770-2779 2780-2789 2790-2799 2800-2809 2810-2819 2820-2829 2830-2839 2840-2849 2850-2859 2860-2869 2870-2879 2880-2889 2890-2899 2900-2909 2910-2919 2920-2929 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9930-9939 9940-9949 9950-9959 9960-9969 9970-9979 9980-9989 9990-9999

[illegible]

The action of mercury preparations upon the motor function of the small intestine. (N. P. Goryunov and A. I. Kuznetsov, *Arch. sci. biol.* (U. S. S. R.) 38, 757-62 (in English 762) (1935).) — Novusarol (I) in small doses excites rhythmic contraction of the rabbit gut of increased amplitude and frequency; in moderate doses it also increases the tonus; in large doses it suppresses the contractions after a brief initial stimulation. The action of I is abolished in a smegmatized gut. Small doses of I increase the peristaltic effect of pilocarpine, while large doses depress this effect. The locus of action of mercurials is probably in the neuromuscular juncture (Auerbach's plexus) and the vagal nerve endings. Hg preps. in small doses act by increasing the tonus of the motor functions of the small intestine. W. A. Perlzweig

W. A. Peritzweil

ASME-33A METALLURGICAL LITERATURE CLASSIFICATION



GOVOROV, N.P.																									
PRINCIPLES AND PROPERTIES INDEX													180 AND 4TH ORDERS												
<p>The electrometric method of determining carbohydrates and reducing substances of makhorka. N. P. Govorov. <i>State Inst. Tobacco and Makhorka Ind.</i> (U. S. S. R.), No. 125, 181-187 (1935). --Electrometric titration for reducing sugars and carbohydrates of tobacco as compared with the Bertrand method gave good results. The tobacco is extd. with hot water (9 g. in 250 cc.) and heated on the water bath for 30 min. After cooling it is filtered, 25 cc. is treated with 2.5 cc. of a 25% soln. of HCl, heated on the water bath for 2 hrs., cooled, neutralized with a 33% soln. of NaOH and made up to 50 cc. This is used for the reducing substances. For the carbohydrates 100 cc. is treated with 25 cc. of basic Pb acetate, filtered, 12 cc. of a 10% soln. of soda added to ppt. the Pb, filtered, 4 cc. of a 25% HCl soln. is added to the filtrate and heated on the water bath for 2 hrs. On this the carbohydrates are detd.</p>																									
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									
180-189													190-199												

GOVOROV, N. P. Prof.

"Asclepiadaceae as a New Raw Stuff Source of Cardiotonics and as a Possible  
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Chief, Chair of Pharmacology, Vet. Inst., Omsk

*Govorov, N.P.*  
GOVOROV, N.P.; SEMYUSHKIN, A.F.; ZHULENKO, V.N.

Effect of pharmacologic media on secretory-motor function of the intestines. Fiziol. zh. SSSR 37 no.6:736-738 Nov-Dec 51. (CML 21:4)

1. Department of Pharmacology, Omsk Veterinary Institute.



GOVOROV, N.P., Prof. of Inst.

Gmsk Vet. Inst.

"Treatment in Intestinal diseases of the young."

SO: Veterinariia 29(1), 1952, p.31

1. GOVOROV, N.P., PROF.
2. USSR (600)
4. Govorov, Nikolai Pavlovich, 1902-
7. Professional activities of Professor N. P. Govorov. Veterinariia 29 no.11, 52

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

GOVOROV, M.P., professor; KOROLEV, V.M., aspirant.

Roots of Caucasian Gomphocarpus as medicinal preparation in  
intestinal disease of young animals. Veterinariia 30 no.1: 44-45  
Ja '53. (MLBA 6:1)

1. Omskiy veterinaryy institut.

GOVOROV, N. P.

3677. GOVOROV, N. P. Meditsina v sor'tse s suyeveriyami i znakharstvom. Omsk, ocl. Kn. izd. 1954. 36s 20sm. 8000ekz. 30k. (54-57141)p. 61(09)+614.26

SO: Knizhnaya Letopis', Vol, 3, 1955

GOVOROV, NIKOLAY PAVLOVICH

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VETERINARNAYA FARMAKOLOGIYA VETERINARY PHARMACOLOGY, BY NIKOLAY  
PAVLOVICH GOVOROV I DR. POD. RED. P. I. POPOVA. MOSKVA, GOS. IZD\*  
VO SEL' SKOKHOZYAYSTVEN NOY LITERATURY, 1955.

459 P. ILLUS., DIAGRS., PORTS., TABLES.

AT HEAD OF TITLE: UCHEBNIKI I UCHERNYYE POSOBIYA DLYA VYSSHIKH  
SEL'SKOKHOZYAYSTVENNYKH UCHEBNYKH ZAVEDENIY.

FD-2466

USSR/Medicine - Physiology

Card 1/1      Pub 33-17-24

Author      :   Govorov, N. P.; Senyushkin, A. F.; Zhulenko, V. N.

Title        :   ~~On the question of intestinal secretion in dogs~~  
              :   On the question of intestinal secretion in dogs

Periodical :   Fiziol. zhur. 2, 273-278, Mar-Apr 1955

Abstract    :   The juice secretion of the isolated intestinal loop of dogs is in-  
                  creased after feeding (250 gm bread and 100-200 gm meat broth).  
                  Tables; graphs. Eighteen references, all USSR (8 since 1940).

Institution:   Chair of Pharmacology of the Omsk Veterinary Institute

Submitted   :   October 19, 1953

GOVOROV, N.P., professor; KOROLIV, V.M.

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Etiology and therapy of gastrointestinal diseases in young  
domestic animals. Veterinariia 32 no.1:42-46 Ja '55.  
(MIRA 8:2)

L.Omskiy veterinarnyy institut.  
(VETERINARY MEDICINE) (ALIMENTARY CANAL---DISEASES)

GOVOROV, N.P.

On V.P.Kalashnikov's article "Study of medicinal plants." Farm.  
1 toks. 19 no.3:62-63 My-Je '56. (MLRA 9:9)

1. Omskiy meditsinskiy institut.  
(BOTANY, MEDICAL)



GOVOROV, N.P., prof.; GOVOROV, V.P., dotsent

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77-84 '59. (MIRA 14:10)

1. Iz kafedry farmakologii Omskogo meditsinskogo instituta imeni  
Kalinina, zav. kafedroy prof. N.P.Govorov.  
(PHARMACOGNOSY)

GOVOROV M. P. (Professor, Omsk Veterinary Institute)

"Novarsenol for the purpose of prophylaxis during pneumonia and stimulation of the growth of animals."

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prof.; DREVLYANSKAYA, N.I., red.; KHODOROVSKIY, V.N., red.;  
GUREVICH, M.M., tekhn. red.; BELOVA, N.N., tekhn. red.

[Veterinary pharmacology] Veterinarnaia farmakologiya. Mo-  
skva, Sel'khozizdat, 1962. 359 p. (MIRA 16:5)

1. Omskiy veterinarnyy institut (for Govorov). 2. Stavropol'skiy  
sel'skokhozyaystvennyy institut (for Sidorova).  
(Veterinary materia medica and pharmacy)

TKACHENKO, N.N.; GOVOROV, N.V.

Make wider use of hybrid cucumber seeds in commercial plantations.  
Kons.i ov.prom. 14 no.2:32-34 F '59. (MIRA 12:3)

1. Opytno-selektsionnaya stantsiya v Krymske.  
(Cucumbers).